

```
A = [1, 2, 3; 4, 5, 6; 7, 8, 9];  
B = [2, 0, 1; 1, 2, 3; 0, 1, 2];  
C = [1; 2; 3];  
S = A+B
```

```
S = 3x3  
    3     2     4  
    5     7     9  
    7     9    11
```